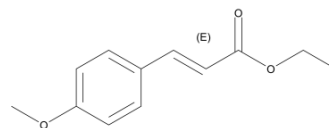


(E)-Ethyl p-methoxycinnamate

Cat. No.:	HY-N0346A
CAS No.:	24393-56-4
Molecular Formula:	C ₁₂ H ₁₄ O ₃
Molecular Weight:	206.24
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

(E)-Ethyl p-methoxycinnamate is a natural product found in Kaempferia galangal with anti-inflammatory, anti-neoplastic and anti-microbial effects. (E)-Ethyl p-methoxycinnamate inhibits COX-1 and COX-2 in vitro with IC₅₀s of 1.12 and 0.83 μM, respectively^[1].

IC₅₀ & Target

COX-1	COX-2
1.12 μM (IC ₅₀)	0.83 μM (IC ₅₀)

REFERENCES

[1]. Umar MI, et al. Bioactivity-guided isolation of ethyl-p-methoxycinnamate, an anti-inflammatory constituent, from Kaempferia galangal L. extracts. *Molecules*. 2012 Jul 23;17(7):8720-34.

Caution: Product has not been fully validated for medical applications. For research use only.

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